

### GENERAL NOTES

See Standard 421001 for details of pavement reinforcement.

See Standards 420001 and 420401 for joint details not shown.

All dimensions are in millimeters (inches) unless otherwise shown.

Illinois Department of Transportation	
PASSED January 1, 2004	155/251
Michael Bond ENGINEER OF POLICY AND PROCEDURES	16-1-1
APPROVED January 1, 2004	
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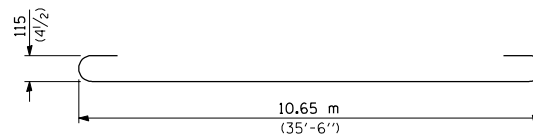
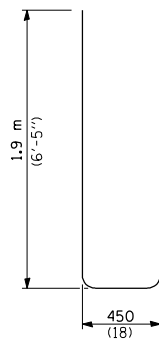
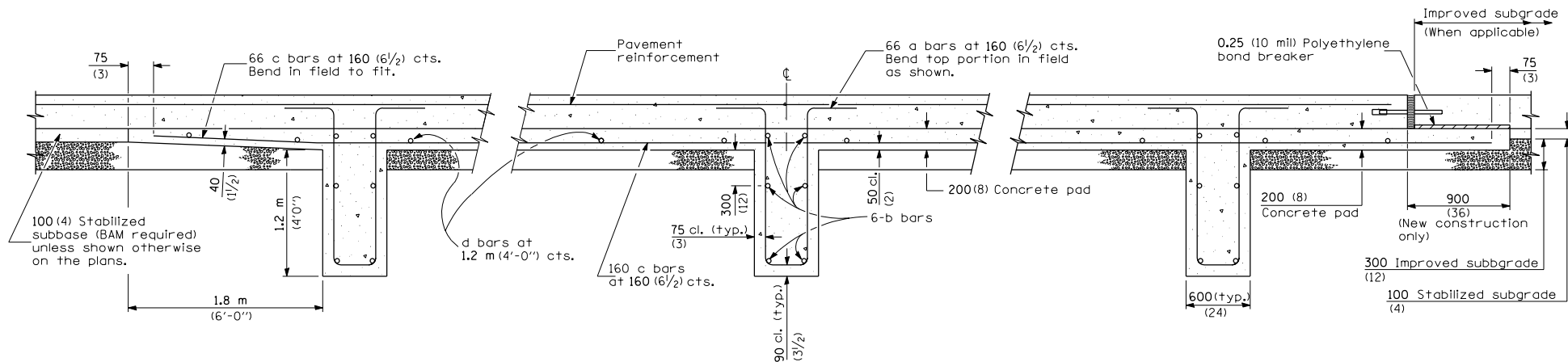
**SECTION A-A**  
(TYPICAL 3-LANE, 1-WAY WITH SHOULDERS)

DATE	REVISIONS
1-1-04	Rev. width of trans. expansion joint.
1-1-03	Soft-converted metric reinf. bars

**10.8 m (36')  
CRC PAVEMENT**  
(WITH LUG SYSTEM)

(Sheet 1 of 2)

**STANDARD 421206-04**



#### MATERIALS REQUIRED FOR (1) ONE LUG SYSTEM

(Excluding Pavement Concrete and Pavement Reinforcement)

Bar	No.	Size	Length	Shape
a	198	No. 25 (No. 8)	4.25 m (14'-0'')	
b	18	No. 16 (No. 5)	11.30 m (36'-9'')	
c	198	No. 16 (No. 5)	6.10 m (20'-0'')	
d	42	No. 13 (No. 4)	3.52 m (11'-9'')	

Concrete, m <sup>3</sup> (cu. yds.)	23.3 (32.0)
Reinforcing Bars, kg (lbs.)	5695 (12,555)
Concrete Pad, m <sup>2</sup> (sq. yds.)	155.5 (192)
Improved Subgrade, m <sup>2</sup> (sq. yds.)	168.5 (208)

All dimensions are in millimeters (inches) unless otherwise shown.

10.8 m (36')  
CRC PAVEMENT  
(WITH LUG SYSTEM)

(Sheet 2 of 2)

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